



Environmental Laboratory Certification Program

In accordance with the provisions of Regulation 61-81, entitled "State Environmental Laboratory Certification Regulations"

**EUROFINS LANCASTER LABS ENVIRONMENTAL
2425 NEW HOLLAND PIKE
LANCASTER, PENNSYLVANIA 17601-5994**

is hereby certified to perform analyses as documented on the attached parameter list(s). This certification does not guarantee validity of the data generated, but indicates the laboratory's adherence to prescribed methodology, quality control, records keeping, and reporting procedures. This certificate is the property of S.C. DHEC and must be surrendered upon demand. This certificate is non-transferable and is valid only for the parameters and methodology listed on the attached parameter list(s).

Laboratory Director: DUANE LUCKENBILL
Certifying Authority: PA
Date of Issue: January 21, 2020
Date of Expiration: January 31, 2020
Certificate Number: 89002002

Program Manager
Office of Environmental Laboratory Certification

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM**

EUROFINS LANCASTER LABS ENVIRONMENTAL (Laboratory ID 89002)
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CLEAN WATER ACT

DIOXINS AND FURANS

CHLORINATED DIOXINS & FURANS-HRGC/HRMS EPA 1613B (1994)

INORGANIC - DEMAND

BIOCHEMICAL OXYGEN DEMAND(BOD) SM 5210 B-2011 5 DAY DO DEPLETION
 DISSOLVED OXYGEN SM 4500-O G-2011 ELECTRODE

INORGANIC - MINERAL

CHLORIDE	EPA 300.0 (1993)	ION CHROMATOGRAPHY
CHLORIDE	SM 4500-CL- C-2011	TITRIMETRIC (MERCURIC NITRATE)
FLUORIDE	EPA 300.0 (1993)	ION CHROMATOGRAPHY
HYDROGEN-ION CONC. (PH)	SM 4500-H B-2011	ELECTROMETRIC MEASUREMENT
SPECIFIC CONDUCTANCE	SM 2510 B-2011	CONDUCTANCE AT 25 DEGREES C
SULFATE	EPA 300.0 (1993)	ION CHROMATOGRAPHY

INORGANIC - MISCELLANEOUS

CYANIDE, TOTAL	EPA 335.4 (1993)	SEMI-AUTOMATED COLORIMETRY
OIL & GREASE	EPA 1664B (2010)	OIL & GREASE - HEM/SGT-HEM
SURFACTANTS (MBAS)	SM 5540 C-2011	COLORIMETRIC (METHYLENE BLUE)

INORGANIC - NUTRIENT

KJELDAHL-NITROGEN	EPA 351.2 (1993)	SEMI-AUTOMATED BLOCK DIGESTER COLORIMETRIC
NITRATE-NITRITE (N02&N03)	EPA 353.2 (1993)	CADMIUM REDUCTION (AUTOMATED)
NITRATE-NITROGEN	EPA 300.0 (1993)	ION CHROMATOGRAPHY
NITRITE-NITROGEN	EPA 300.0 (1993)	ION CHROMATOGRAPHY
NITRITE-NITROGEN	EPA 353.2 (1993)	CADMIUM REDUCTION (AUTOMATED)
ORTHOPHOSPHATE	SM 4500-P E-2011	ASCORBIC ACID (MANUAL SINGLE REAGENT)
PHOSPHORUS	EPA 365.1 (1993)	ASCORBIC ACID (AUTOMATED)

INORGANIC - RESIDUE

RESIDUE, FILTERABLE (TDS)	SM 2540 C-2011	GRAVIMETRIC (180)
RESIDUE, NONFILTERABLE (TSS)	SM 2540 D-2011	GRAVIMETRIC 103-105
RESIDUE, TOTAL (TS)	SM 2540 B-2011	GRAVIMETRIC 103-105

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INORGANIC - TRACE METAL

ALUMINUM	EPA 200.7 (1994)	ICP/AES
ANTIMONY	EPA 200.7 (1994)	ICP/AES
ANTIMONY	EPA 200.8 (1994)	ICP/MS
ARSENIC	EPA 200.7 (1994)	ICP/AES
ARSENIC	EPA 200.8 (1994)	ICP/MS
BARIUM	EPA 200.7 (1994)	ICP/AES
BERYLLIUM	EPA 200.7 (1994)	ICP/AES
BERYLLIUM	EPA 200.8 (1994)	ICP/MS
BORON	EPA 200.7 (1994)	ICP/AES
CADMIUM	EPA 200.7 (1994)	ICP/AES
CADMIUM	EPA 200.8 (1994)	ICP/MS
CALCIUM	EPA 200.7 (1994)	ICP/AES
CHROMIUM	EPA 200.7 (1994)	ICP/AES
CHROMIUM	EPA 200.8 (1994)	ICP/MS
COBALT	EPA 200.7 (1994)	ICP/AES
COPPER	EPA 200.7 (1994)	ICP/AES
COPPER	EPA 200.8 (1994)	ICP/MS
IRON	EPA 200.7 (1994)	ICP/AES
LEAD	EPA 200.7 (1994)	ICP/AES
LEAD	EPA 200.8 (1994)	ICP/MS
MAGNESIUM	EPA 200.7 (1994)	ICP/AES
MANGANESE	EPA 200.7 (1994)	ICP/AES
MERCURY	EPA 245.1 (1994)	COLD VAPOR (MANUAL)
MOLYBDENUM	EPA 200.7 (1994)	ICP/AES
NICKEL	EPA 200.7 (1994)	ICP/AES
NICKEL	EPA 200.8 (1994)	ICP/MS
POTASSIUM	EPA 200.7 (1994)	ICP/AES
SELENIUM	EPA 200.7 (1994)	ICP/AES
SELENIUM	EPA 200.8 (1994)	ICP/MS
SILVER	EPA 200.7 (1994)	ICP/AES
SILVER	EPA 200.8 (1994)	ICP/MS
SODIUM	EPA 200.7 (1994)	ICP/AES
THALLIUM	EPA 200.7 (1994)	ICP/AES
THALLIUM	EPA 200.8 (1994)	ICP/MS
TIN	EPA 200.7 (1994)	ICP/AES
VANADIUM	EPA 200.7 (1994)	ICP/AES
ZINC	EPA 200.7 (1994)	ICP/AES

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CLEAN WATER ACT

SEMI-VOLATILES

BASE/NEUTRALS AND ACIDS - GC/MS EPA 625.1 (2016)

VOLATILES (VOCS)

PURGEABLES - GC/MS EPA 624.1 (2016)
 VOCS BY GC/FID EPA 1671A (1998)
 VOCS BY ISOTOPE DILUTION (GC/MS) EPA 1666A (1998)

SOLID & HAZARDOUS WASTES

DIOXINS AND FURANS

CHLORINATED DIOXINS & FURANS-HRGC/HRMS EPA 8290A (2007)

INORGANIC - DEMAND

TOTAL ORGANIC CARBON (TOC) EPA 9060A (2004) CARBONACEOUS ANALYZER

INORGANIC - HAZARDOUS WASTE CHARACTERISTICS

IGNITABILITY	EPA 1010A (2004)	PENSKY-MARTENS CLOSED-CUP
SYNTHETIC PREC. LEACHING PROC.	EPA 1312 (1994)	SYNTHETIC PRECIPITATION LEACHING PROCEDURE
TCLP - BOTTLE EXTRACTION	EPA 1311 (1992)	TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TCLP - ZERO HEADSPACE	EPA 1311 (1992)	TOXICITY CHARACTERISTIC LEACHING PROCEDURE

INORGANIC - MINERAL

HYDROGEN-ION CONC. (PH)	EPA 9040C (2004)	ELECTROMETRIC
SPECIFIC CONDUCTANCE	EPA 9050A (1996)	WHEATSTONE BRIDGE

INORGANIC - MISCELLANEOUS

OIL & GREASE	EPA 9071B (1998)	HEM/SGT-HEM
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INORGANIC - NUTRIENT

NITRATE-NITROGEN	EPA 9056A (2007)	ION CHROMATOGRAPHY
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SOLID & HAZARDOUS WASTES

INORGANIC - TRACE METAL

ANTIMONY	EPA 6010D (2014)	ICP/AES
ANTIMONY	EPA 6020B (2014)	ICP/MS
ARSENIC	EPA 6010D (2014)	ICP/AES
ARSENIC	EPA 6020B (2014)	ICP/MS
BARIUM	EPA 6010D (2014)	ICP/AES
BERYLLIUM	EPA 6010D (2014)	ICP/AES
BERYLLIUM	EPA 6020B (2014)	ICP/MS
CADMIUM	EPA 6010D (2014)	ICP/AES
CADMIUM	EPA 6020B (2014)	ICP/MS
CALCIUM	EPA 6010D (2014)	ICP/AES
CHROMIUM	EPA 6010D (2014)	ICP/AES
CHROMIUM	EPA 6020B (2014)	ICP/MS
CHROMIUM, HEXAVALENT	EPA 7196A (1992)	COLORIMETRIC
CHROMIUM, HEXAVALENT	EPA 7199 (1996)	ION CHROMATOGRAPHY
COBALT	EPA 6010D (2014)	ICP/AES
COPPER	EPA 6010D (2014)	ICP/AES
COPPER	EPA 6020B (2014)	ICP/MS
IRON	EPA 6010D (2014)	ICP/AES
LEAD	EPA 6010D (2014)	ICP/AES
LEAD	EPA 6020B (2014)	ICP/MS
MANGANESE	EPA 6010D (2014)	ICP/AES
MERCURY	EPA 7470A (1994)	COLD VAPOR TECHNIQUE LIQUID
MERCURY	EPA 7471B (2007)	COLD VAPOR TECHNIQUE SOLID
METALS DIGESTION	EPA 3005A (1992)	AQUEOUS ACID DIGESTION TOTAL OR DISSOLVED METALS FLAA OR ICP
METALS DIGESTION	EPA 3010A (1992)	AQUEOUS ACID DIGESTION TOTAL METALS FLAA OR ICP
METALS DIGESTION	EPA 3050B (1996)	SOLID ACID DIGESTION
METALS DIGESTION	EPA 3060A (1996)	ALKALINE DIGESTION HEX CHROM
MOLYBDENUM	EPA 6010D (2014)	ICP/AES
NICKEL	EPA 6010D (2014)	ICP/AES
NICKEL	EPA 6020B (2014)	ICP/MS
SELENIUM	EPA 6010D (2014)	ICP/AES
SILVER	EPA 6010D (2014)	ICP/AES
STRONTIUM	EPA 6010D (2014)	ICP/AES
THALLIUM	EPA 6010D (2014)	ICP/AES
THALLIUM	EPA 6020B (2014)	ICP/MS
TIN	EPA 6010D (2014)	ICP/AES
VANADIUM	EPA 6010D (2014)	ICP/AES
ZINC	EPA 6010D (2014)	ICP/AES

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SOLID & HAZARDOUS WASTES

SEMI-VOLATILES

EDB & DBCP BY MICROEXTRACTION AND GC	EPA 8011 (1992)	
SEMIVOLATILE ORGANICS BY GC/MS	EPA 8270E (2018)	EPA 3550C (2007)
SEMIVOLATILE ORGANICS BY GC/MS	EPA 8270E (2018)	EPA 3510C (1996)
SEMIVOLATILE ORGANICS BY GC/MS	EPA 8270E (2018)	EPA 3546 (2007)
SEMIVOLATILE ORGANICS BY GC/MS (SIM)	EPA 8270E (SIM) (2018)	EPA 3510C (1996)
SEMIVOLATILE ORGANICS BY GC/MS (SIM)	EPA 8270E (SIM) (2018)	EPA 3546 (2007)

VOLATILES (VOCS)

OXYGENATE VOLATILE ORGANICS BY GC/MS	EPA 8260D-OXY (2018)	EPA 5030B (1996)
VOLATILE ORGANICS BY GC/MS	EPA 8260D (2018)	EPA 5035 (1996)
VOLATILE ORGANICS BY GC/MS	EPA 8260D (2018)	EPA 5030B (1996)
VOLATILE ORGANICS BY GC/MS	EPA 8260D (SIM) (2018)	EPA 5030B (1996)

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-----DIOXINS AND FURANS-----

EPA 1613B (1994)

1,2,3,4,6,7,8-HPCDD
 1,2,3,4,6,7,8-HPCDF
 1,2,3,4,7,8-HPCDF
 1,2,3,4,7,8-HXCDD
 1,2,3,4,7,8-HXCDF
 1,2,3,6,7,8-HXCDD
 1,2,3,6,7,8-HXCDF
 1,2,3,7,8,9-HXCDD
 1,2,3,7,8,9-HXCDF
 1,2,3,7,8-PECDD
 1,2,3,7,8-PECDF
 2,3,4,6,7,8-HXCDF
 2,3,4,7,8-PECDF
 2,3,7,8-TCDD
 2,3,7,8-TCDF
 OCDD
 OCDF

-----SEMI-VOLATILES-----

EPA 625.1 (2016)

1,2,4-TRICHLOROENZENE
 2,3-DICHLOROANILINE
 2,4,6-TRICHLOROPHENOL
 2,4-DICHLOROPHENOL
 2,4-DIMETHYLPHENOL
 2,4-DINITROPHENOL
 2,4-DINITROTOLUENE (2,4-DNT)
 2,6-DINITROTOLUENE (2,6-DNT)
 2-CHLORONAPHTHALENE
 2-CHLOROPHENOL
 2-METHYL-4,6-DINITROPHENOL
 2-NITROPHENOL
 3,3-DICHLOROBENZIDINE
 4-BROMOPHENYLPHENYL ETHER
 4-CHLORO-3-METHYLPHENOL
 4-CHLOROPHENYL PHENYL ETHER
 4-NITROPHENOL
 ACENAPHTHENE
 ACENAPHTHYLENE
 ALPHA-TERPINEOL
 ANILINE
 ANTHRACENE

EPA 625.1 (2016)

BENZO(A)ANTHRACENE
 BENZO(A)PYRENE
 BENZO(B)FLUORANTHENE
 BENZO(G,H,I)PERYLENE
 BENZO(K)FLUORANTHENE
 BENZYL BUTYL PHTHALATE
 BIS(2-CHLORO-1-METHYLETHYL)ETHER
 BIS(2-CHLOROETHOXY)METHANE
 BIS(2-CHLOROETHYL)ETHER
 BIS(2-ETHYLHEXYL)PHTHALATE
 CARBAZOLE
 CHRYSENE
 DI-N-BUTYL PHTHALATE
 DI-N-OCTYL PHTHALATE
 DIBENZO(A,H)ANTHRACENE
 DIETHYL PHTHALATE
 DIMETHYL PHTHALATE
 FLUORANTHENE
 FLUORENE
 HEXACHLOROBENZENE
 HEXACHLOROBUTADIENE
 HEXACHLOROCYCLOPENTADIENE
 HEXACHLOROETHANE
 INDENO(1,2,3-CD)PYRENE
 ISOPHORONE
 N-DECANE
 N-NITROSODI-N-PROPYLAMINE
 N-NITROSODIMETHYLAMINE
 N-NITROSODIPHENYLAMINE
 N-OCTADECANE
 NAPHTHALENE
 NITROBENZENE (NB)
 PENTACHLOROPHENOL
 PHENANTHRENE
 PHENOL
 PYRENE
 PYRIDINE

-----VOLATILES (VOCs)-----

EPA 1666A (1998)

ETHYL ACETATE
 ISOBUTYRALDEHYDE
 ISOPROPANOL
 ISOPROPYL ACETATE

EPA 1666A (1998)

ISOPROPYL ETHER
 METHYL FORMATE
 N-AMYL ACETATE
 N-AMYL ALCOHOL
 N-BUTYL ACETATE
 N-HEPTANE
 N-HEXANE
 T-BUTYL ALCOHOL
 TETRAHYDROFURAN
 XYLENE, TOTAL

EPA 1671A (1998)

ACETONITRILE
 DIETHYLAMINE
 DIMETHYL SULFOXIDE
 ETHANOL
 METHANOL
 METHYL CELLOSOLVE
 N-PROPANOL (N-PROPYLALCOHOL)
 TRIETHYLAMINE

EPA 624.1 (2016)

1,1,1-TRICHLOROETHANE
 1,1,2,2-TETRACHLOROETHANE
 1,1,2-TRICHLOROETHANE
 1,1-DICHLOROETHANE
 1,1-DICHLOROETHENE
 1,2-DICHLOROETHANE
 1,2-DICHLOROETHANE
 1,2-DICHLOROPROPANE
 1,3-DICHLOROETHANE
 1,4-DICHLOROETHANE
 2-CHLOROETHYL VINYL ETHER
 BENZENE
 BROMODICHLOROMETHANE
 BROMOFORM
 BROMOMETHANE
 CARBON TETRACHLORIDE
 CHLOROETHANE
 CHLORODIBROMOMETHANE
 CHLOROETHANE
 CHLOROFORM
 CHLOROMETHANE
 CIS-1,3-DICHLOROPROPENE

EPA 624.1 (2016)

DICHLORODIFLUOROMETHANE
 ETHYLBENZENE
 METHYL TERT BUTYL ETHER (MTBE)
 METHYLENE CHLORIDE
 TETRACHLOROETHENE
 TOLUENE
 TRANS-1,2-DICHLOROETHENE
 TRANS-1,3-DICHLOROPROPENE
 TRICHLOROETHENE
 TRICHLOROFLUOROMETHANE
 VINYL CHLORIDE
 XYLENE, TOTAL

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SOLID & HAZARDOUS WASTES

-----DIOXINS AND FURANS-----

EPA 8290A (2007)

1,2,3,4,6,7,8-HPCDD
 1,2,3,4,6,7,8-HPCDF
 1,2,3,4,7,8,9-HPCDF
 1,2,3,4,7,8-HXCDD
 1,2,3,4,7,8-HXCDF
 1,2,3,6,7,8-HXCDD
 1,2,3,6,7,8-HXCDF
 1,2,3,7,8,9-HXCDD
 1,2,3,7,8,9-HXCDF
 1,2,3,7,8-PCDD
 1,2,3,7,8-PCDF
 2,3,4,6,7,8-HXCDF
 2,3,4,7,8-PCDF
 2,3,7,8-TCDD
 2,3,7,8-TCDF
 OCDD
 OCDF

-----SEMI-VOLATILES-----

EPA 8011 (1992)

1,2-DIBROMO-3-CHLOROPROPANE(DBCP)
 1,2-DIBROMOETHANE (EDB)

EPA 8270E (2018)
 EPA 3510C (1996)

1,1'-BIPHENYL
 1,2,4,5-TETRACHLORO BENZENE
 1,2,4-TRICHLORO BENZENE
 1,2-DICHLORO BENZENE
 1,2-DIPHENYLHYDRAZINE
 1,3,5-TRINITRO BENZENE (1,3,5-TNB)
 1,3-DICHLORO BENZENE
 1,3-DINITRO BENZENE (1,3-DNB)
 1,4-DICHLORO BENZENE
 1,4-NAPHTHOQUINONE
 1-NAPHTHYLAMINE
 2,3,4,6-TETRACHLOROPHENOL
 2,4,5-TRICHLOROPHENOL
 2,4,6-TRICHLOROPHENOL
 2,4-DICHLOROPHENOL
 2,4-DIMETHYLPHENOL

EPA 8270E (2018)
 EPA 3510C (1996)

2,4-DINITROPHENOL
 2,4-DINITROTOLUENE (2,4-DNT)
 2,6-DICHLOROPHENOL
 2,6-DINITROTOLUENE (2,6-DNT)
 2-ACETYLAMINOFLUORENE
 2-CHLORONAPHTHALENE
 2-CHLOROPHENOL
 2-METHYLNAPHTHALENE
 2-METHYLPHENOL
 2-NAPHTHYLAMINE
 2-NITROANILINE
 2-NITROPHENOL
 2-PICOLINE (2-METHYLPYRIDINE)
 3,3-DICHLORO BENZIDINE
 3,3-DIMETHYL BENZIDINE
 3-METHYLCHOLANTHRENE
 3-NITROANILINE
 4,4-METHYLENEBIS(2-CHLORO.)
 4,6-DINITRO-2-METHYLPHENOL
 4-AMINO BIPHENYL
 4-BROMOPHENYLPHENYL ETHER
 4-CHLORO-3-METHYLPHENOL
 4-CHLOROANILINE
 4-CHLOROPHENYL PHENYL ETHER
 4-METHYLPHENOL
 4-NITROANILINE
 4-NITROPHENOL
 4-NITROQUINOLINE-1-OXIDE
 5-NITRO-O-TOLUIDINE
 7,12-DIMETHYLBENZO(A)ANTHRACENE
 ACENAPHTHENE
 ACENAPHTHYLENE
 ACETOPHENONE
 ANILINE
 ANTHRACENE
 ATRAZINE
 BENZIDINE
 BENZO(A)ANTHRACENE
 BENZO(A)PYRENE
 BENZO(B)FLUORANTHENE
 BENZO(G,H,I)PERYLENE
 BENZO(K)FLUORANTHENE
 BENZYL ALCOHOL
 BIS(2-CHLORO-1-METHYLETHYL)ETHER
 BIS(2-CHLOROETHOXY)METHANE

EPA 8270E (2018)
 EPA 3510C (1996)

BIS(2-CHLOROETHYL)ETHER
 BIS(2-ETHYLHEXYL)PHTHALATE
 BUTYL BENZYL PHTHALATE
 CARBAZOLE
 CHLOROBENZILATE
 CHRYSENE
 DI-N-BUTYL PHTHALATE
 DI-N-OCTYL PHTHALATE
 DIALLATE
 DIBENZO(A,H)ANTHRACENE
 DIBENZOFURAN
 DIETHYL PHTHALATE
 DIMETHOATE
 DIMETHYL PHTHALATE
 DIMETHYLAMINOAZOBENZENE
 ETHYL METHANESULFONATE
 FLUORANTHENE
 FLUORENE
 HEXACHLORO BENZENE
 HEXACHLORO BUTADIENE
 HEXACHLORO CYCLOPENTADIENE
 HEXACHLOROETHANE
 HEXACHLORO PROPENE
 INDENO(1,2,3-CD)PYRENE
 ISODRIN
 ISOPHORONE
 ISOSAFROLE
 METHAPYRILENE
 METHYL METHANESULFONATE
 N-NITROSODI-N-BUTYLAMINE
 N-NITROSODI-N-PROPYLAMINE
 N-NITROSODIETHYLAMINE
 N-NITROSODIMETHYLAMINE
 N-NITROSODIPHENYLAMINE
 N-NITROSOMETHYLETHYLAMINE
 N-NITROSOMORPHOLINE
 N-NITROSOPIPERIDINE
 N-NITROSOPYRROLIDINE
 NAPHTHALENE
 NITRO BENZENE (NB)
 O,O,O-TRIETHYLPHOSPHOROTHIOATE
 O-TOLUIDINE
 PENTACHLORO BENZENE
 PENTACHLORONITRO BENZENE
 PENTACHLOROPHENOL

EPA 8270E (2018)
 EPA 3510C (1996)

PHENACETIN
 PHENANTHRENE
 PHENOL
 PRONAMIDE
 PYRENE
 PYRIDINE
 SAFROLE
 TETRAETHYL DITHIOPYROPHOSPHATE
 THIONAZIN

EPA 8270E (2018)
 EPA 3546 (2007)

1,1'-BIPHENYL
 1,2,4,5-TETRACHLORO BENZENE
 1,2,4-TRICHLORO BENZENE
 1,2-DICHLORO BENZENE
 1,2-DIPHENYLHYDRAZINE
 1,3-DICHLORO BENZENE
 1,3-DINITRO BENZENE (1,3-DNB)
 1,4-DICHLORO BENZENE
 1,4-DINITRO BENZENE
 1,4-NAPHTHOQUINONE
 1-CHLORONAPHTHALENE
 1-NAPHTHYLAMINE
 2,3,4,6-TETRACHLOROPHENOL
 2,4,5-TRICHLOROPHENOL
 2,4,6-TRICHLOROPHENOL
 2,4-DICHLOROPHENOL
 2,4-DIMETHYLPHENOL
 2,4-DINITROPHENOL
 2,4-DINITROTOLUENE (2,4-DNT)
 2,6-DICHLOROPHENOL
 2,6-DINITROTOLUENE (2,6-DNT)
 2-ACETYLAMINOFLUORENE
 2-CHLORONAPHTHALENE
 2-CHLOROPHENOL
 2-METHYLNAPHTHALENE
 2-METHYLPHENOL
 2-NAPHTHYLAMINE
 2-NITROANILINE
 2-NITROPHENOL
 2-PICOLINE (2-METHYLPYRIDINE)
 3,3-DICHLORO BENZIDINE
 3-METHYLCHOLANTHRENE

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 Certificate Number: 89002002 Expiration Date: January 31, 2020

SOLID & HAZARDOUS WASTES

-----SEMI-VOLATILES-----	EPA 8270E (2018) EPA 3546 (2007)	EPA 8270E (2018) EPA 3546 (2007)	EPA 8270E (2018) EPA 3550C (2007)
EPA 8270E (2018) EPA 3546 (2007)			
3-NITROANILINE	DIETHYL PHTHALATE	THIONAZIN	4-NITROPHENOL
4,4-METHYLENEBIS(2-CHLORO.)	DIMETHOATE		4-NITROQUINOLINE-1-OXIDE
4,6-DINITRO-2-METHYLPHENOL	DIMETHYL PHTHALATE	EPA 8270E (2018)	5-NITRO-O-TOLUIDINE
4-AMINOBIIPHENYL	DIMETHYLAMINOAZOBENZENE	EPA 3550C (2007)	7,12-DIMETHYLBENZ(A)ANTHRACENE
4-BROMOPHENYLPHENYL ETHER	ETHYL METHANESULFONATE		ACENAPHTHENE
4-CHLORO-3-METHYLPHENOL	FLUORANTHENE	1,1'-BIPHENYL	ACENAPHTHYLENE
4-CHLOROANILINE	FLUORENE	1,2,4,5-TETRACHLOROBENZENE	ACETOPHENONE
4-CHLOROPHENYL PHENYL ETHER	HEXACHLOROBENZENE	1,2,4-TRICHLOROBENZENE	ANILINE
4-METHYLPHENOL	HEXACHLOROBUTADIENE	1,2-DICHLOROBENZENE	ANTHRACENE
4-NITROANILINE	HEXACHLOROCYCLOPENTADIENE	1,3,5-TRINITROBENZENE (1,3,5-TNB)	ATRAZINE
4-NITROPHENOL	HEXACHLOROETHANE	1,3-DICHLOROBENZENE	BENZALDEHYDE
4-NITROQUINOLINE-1-OXIDE	HEXACHLOROPROPENE	1,3-DINITROBENZENE (1,3-DNB)	BENZO(A)ANTHRACENE
5-NITRO-O-TOLUIDINE	INDENO(1,2,3-CD)PYRENE	1,4-DICHLOROBENZENE	BENZO(A)PYRENE
7,12-DIMETHYLBENZ(A)ANTHRACENE	ISODRIN	1,4-NAPHTHOQUINONE	BENZO(B)FLUORANTHENE
ACENAPHTHENE	ISOPHORONE	1-NAPHTHYLAMINE	BENZO(G,H,I)PERYLENE
ACENAPHTHYLENE	ISOSAFROLE	2,3,4,6-TETRACHLOROPHENOL	BENZO(K)FLUORANTHENE
ACETOPHENONE	METHAPYRILENE	2,4,5-TRICHLOROPHENOL	BENZYL ALCOHOL
ANILINE	METHYL METHANESULFONATE	2,4,6-TRICHLOROPHENOL	BIS(2-CHLORO-1-METHYLETHYL)ETHER
ANTHRACENE	METHYL PARATHION	2,4-DICHLOROPHENOL	BIS(2-CHLOROETHOXY)METHANE
ATRAZINE	N-NITROSODI-N-BUTYLAMINE	2,4-DIMETHYLPHENOL	BIS(2-CHLOROETHYL)ETHER
BENZALDEHYDE	N-NITROSODI-N-PROPYLAMINE	2,4-DINITROPHENOL	BIS(2-ETHYLHEXYL)PHTHALATE
BENZIDINE	N-NITROSODIETHYLAMINE	2,4-DINITROTOLUENE (2,4-DNT)	BUTYL BENZYL PHTHALATE
BENZO(A)ANTHRACENE	N-NITROSODIMETHYLAMINE	2,6-DICHLOROPHENOL	CAPROLACTAM
BENZO(A)PYRENE	N-NITROSODIPHENYLAMINE	2,6-DINITROTOLUENE (2,6-DNT)	CARBAZOLE
BENZO(B)FLUORANTHENE	N-NITROSOMETHYLETHYLAMINE	2-ACETYLAMINOFLUORENE	CHLOROBENZILATE
BENZO(G,H,I)PERYLENE	N-NITROSOMORPHOLINE	2-CHLORONAPHTHALENE	CHRYSENE
BENZO(K)FLUORANTHENE	N-NITROSOPIPERIDINE	2-CHLOROPHENOL	DI-N-BUTYL PHTHALATE
BENZOIC ACID	N-NITROSOPYRROLIDINE	2-METHYLNAPHTHALENE	DI-N-OCTYL PHTHALATE
BENZYL ALCOHOL	NAPHTHALENE	2-METHYLPHENOL	DIALATE
BIS(2-CHLORO-1-METHYLETHYL)ETHER	NITROBENZENE (NB)	2-NAPHTHYLAMINE	DIBENZO(A,H)ANTHRACENE
BIS(2-CHLOROETHOXY)METHANE	O,O,O-TRIETHYLPHOSPHOROTHIOATE	2-NITROANILINE	DIBENZOFURAN
BIS(2-CHLOROETHYL)ETHER	O-TOLUIDINE	2-NITROPHENOL	DIETHYL PHTHALATE
BIS(2-ETHYLHEXYL)PHTHALATE	PARATHION	2-PICOLINE (2-METHYLPYRIDINE)	DIMETHOATE
BUTYL BENZYL PHTHALATE	PENTACHLOROBENZENE	3,3-DICHLOROBENZIDINE	DIMETHYL PHTHALATE
CAPROLACTAM	PENTACHLORONITROBENZENE	3,3-DIMETHYLBENZIDINE	DIMETHYLAMINOAZOBENZENE
CARBAZOLE	PENTACHLOROPHENOL	3-METHYLCHOLANTHRENE	ETHYL METHANESULFONATE
CHLOROBENZILATE	PHENACETIN	3-NITROANILINE	FLUORANTHENE
CHRYSENE	PHENANTHRENE	4,6-DINITRO-2-METHYLPHENOL	FLUORENE
DI-N-BUTYL PHTHALATE	PHENOL	4-AMINOBIIPHENYL	HEXACHLOROBENZENE
DI-N-OCTYL PHTHALATE	PHORATE	4-BROMOPHENYLPHENYL ETHER	HEXACHLOROBUTADIENE
DIALATE	PRONAMIDE	4-CHLORO-3-METHYLPHENOL	HEXACHLOROCYCLOPENTADIENE
DIBENZO(A,H)ANTHRACENE	PYRENE	4-CHLOROANILINE	HEXACHLOROETHANE
DIBENZOFURAN	PYRIDINE	4-CHLOROPHENYL PHENYL ETHER	HEXACHLOROPROPENE
	SAFROLE	4-METHYLPHENOL	INDENO(1,2,3-CD)PYRENE
	TETRAETHYL DITHIOPYROPHOSPHATE	4-NITROANILINE	ISODRIN

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SOLID & HAZARDOUS WASTES

-----SEMI-VOLATILES-----

EPA 8270E (2018)
EPA 3550C (2007)

ISOPHORONE
ISOSAFROLE
METHAPYRILENE
METHYL METHANESULFONATE
N-NITROSODI-N-BUTYLAMINE
N-NITROSODI-N-PROPYLAMINE
N-NITROSODIETHYLAMINE
N-NITROSODIMETHYLAMINE
N-NITROSODIPHENYLAMINE
N-NITROSOMETHYLETHYLAMINE
N-NITROSOMORPHOLINE
N-NITROSOPIPERIDINE
N-NITROSOPYRROLIDINE
NAPHTHALENE
NITROBENZENE (NB)
O,O,O-TRIETHYLPHOSPHOROTHIOATE
O-TOLUIDINE
PENTACHLOROBENZENE
PENTACHLORONITROBENZENE
PENTACHLOROPHENOL
PHENACETIN
PHENANTHRENE
PHENOL
PRONAMIDE
PYRENE
PYRIDINE
SAFROLE
TETRAETHYL DITHIOPYROPHOSPHATE
THIONAZIN

EPA 8270E (SIM) (2018)
EPA 3510C (1996)

2-METHYLNAPHTHALENE
ACENAPHTHENE
ACENAPHTHYLENE
ANTHRACENE
BENZO(A)ANTHRACENE
BENZO(A)PYRENE
BENZO(B)FLUORANTHENE
BENZO(G,H,I)PERYLENE
BENZO(K)FLUORANTHENE
CHRYSENE

EPA 8270E (SIM) (2018)
EPA 3510C (1996)

DIBENZO(A,H)ANTHRACENE
FLUORANTHENE
FLUORENE
INDENO(1,2,3-CD)PYRENE
NAPHTHALENE
PHENANTHRENE
PYRENE

EPA 8270E (SIM) (2018)
EPA 3546 (2007)

2-METHYLNAPHTHALENE
ACENAPHTHENE
ACENAPHTHYLENE
ANTHRACENE
BENZO(A)ANTHRACENE
BENZO(A)PYRENE
BENZO(B)FLUORANTHENE
BENZO(G,H,I)PERYLENE
BENZO(K)FLUORANTHENE
CHRYSENE
DIBENZO(A,H)ANTHRACENE
FLUORANTHENE
FLUORENE
INDENO(1,2,3-CD)PYRENE
NAPHTHALENE
PHENANTHRENE
PYRENE

-----VOLATILES (VOCS)-----

EPA 8260D (2018)
EPA 5030B (1996)

1,1,1,2-TETRACHLOROETHANE
1,1,1-TRICHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE
1,1,2-TRICHLOROETHANE
1,1-DICHLOROETHANE
1,1-DICHLOROETHENE
1,1-DICHLOROPROPENE
1,2,3-TRICHLOROBENZENE
1,2,3-TRICHLOROPROPANE
1,2,4-TRICHLOROBENZENE

EPA 8260D (2018)
EPA 5030B (1996)

1,2-DIBROMO-3-CHLOROPROPANE(DBCP)
1,2-DIBROMOETHANE (EDB)
1,2-DICHLOROBENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,3-DICHLOROBENZENE
1,4-DICHLOROBENZENE
1,4-DIOXANE
2-CHLORO-1,3-BUTADIENE
2-HEXANONE
4-METHYL-2-PENTANONE
ACETONE
ACETONITRILE
ACROLEIN
ACRYLONITRILE
ALLYL CHLORIDE
BENZENE
BROMOCHLOROMETHANE
BROMODICHLOROMETHANE
BROMOFORM
BROMOMETHANE
CARBON DISULFIDE
CARBON TETRACHLORIDE
CHLOROBENZENE
CHLORODIBROMOMETHANE
CHLOROETHANE
CHLOROFORM
CHLOROMETHANE
CIS-1,2-DICHLOROETHENE
CIS-1,3-DICHLOROPROPENE
CYCLOHEXANE
DIBROMOMETHANE
DICHLORODIFLUOROMETHANE
ETHYL METHACRYLATE
ETHYLBENZENE
IODOMETHANE
ISOBUTYL ALCOHOL
ISOPROPYLBENZENE
METHACRYLONITRILE
METHYL ACETATE
METHYL ETHYL KETONE (MEK)
METHYL METHACRYLATE
METHYL TERT BUTYL ETHER (MTBE)
METHYLCYCLOHEXANE
METHYLENE CHLORIDE

EPA 8260D (2018)
EPA 5030B (1996)

NAPHTHALENE
P-ISOPROPYLTOLUENE
PENTACHLOROETHANE
PROPIONITRILE
STYRENE
TETRACHLOROETHENE
TOLUENE
TRANS-1,2-DICHLOROETHENE
TRANS-1,3-DICHLOROPROPENE
TRANS-1,4-DICHLORO-2-BUTENE
TRICHLOROETHENE
TRICHLOROFLUOROMETHANE
VINYL ACETATE
VINYL CHLORIDE
XYLENE, TOTAL

EPA 8260D (2018)
EPA 5035 (1996)

1,1,1,2-TETRACHLOROETHANE
1,1,1-TRICHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE
1,1,2-TRICHLOROETHANE
1,1-DICHLOROETHANE
1,1-DICHLOROETHENE
1,1-DICHLOROPROPENE
1,2,3-TRICHLOROBENZENE
1,2,3-TRICHLOROPROPANE
1,2,4-TRICHLOROBENZENE
1,2-DIBROMO-3-CHLOROPROPANE(DBCP)
1,2-DIBROMOETHANE (EDB)
1,2-DICHLOROBENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,3-DICHLOROBENZENE
1,4-DICHLOROBENZENE
2-CHLORO-1,3-BUTADIENE
2-HEXANONE
4-METHYL-2-PENTANONE
ACETONE
ACROLEIN
ACRYLONITRILE
ALLYL CHLORIDE
BENZENE

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-----VOLATILES (VOCS)-----

EPA 8260D (2018)

EPA 5035 (1996)

EPA 8260D (SIM) (2018)

EPA 5030B (1996)

1,4-DIOXANE

BROMOCHLOROMETHANE

BROMODICHLOROMETHANE

BROMOFORM

BROMOMETHANE

CARBON DISULFIDE

CARBON TETRACHLORIDE

CHLORO BENZENE

CHLORODIBROMOMETHANE

CHLOROETHANE

CHLOROFORM

CHLOROMETHANE

CIS-1,2-DICHLOROETHENE

CIS-1,3-DICHLOROPROPENE

CYCLOHEXANE

DIBROMOMETHANE

DICHLORODIFLUOROMETHANE

ETHYLBENZENE

IODOMETHANE

ISOBUTYL ALCOHOL

ISOPROPYLBENZENE

METHACRYLONITRILE

METHYL ACETATE

METHYL ETHYL KETONE (MEK)

METHYL METHACRYLATE

METHYL TERT BUTYL ETHER (MTBE)

METHYLCYCLOHEXANE

METHYLENE CHLORIDE

NAPHTHALENE

P-ISOPROPYLTOLUENE

PENTACHLOROETHANE

PROPIONITRILE

STYRENE

TETRACHLOROETHENE

TOLUENE

TRANS-1,2-DICHLOROETHENE

TRANS-1,3-DICHLOROPROPENE

TRANS-1,4-DICHLORO-2-BUTENE

TRICHLOROETHENE

TRICHLOROFLUOROMETHANE

VINYL CHLORIDE

XYLENE, TOTAL

EPA 8260D-OXY (2018)

EPA 5030B (1996)

3,3-DIMETHYL-1-BUTANOL

DIISOPROPYL ETHER

ETHANOL

ETHYL TERT BUTYL ETHER

T-AMYL ALCOHOL

T-AMYL METHYL ETHER

T-BUTYL ALCOHOL

T-BUTYL FORMATE